

In the Claims:

Claims 1 to 23 (canceled).

1 24. (currently amended) A system for inserting an implant into
2 a human organ, comprising:
3 an implant;
4 an adapter element comprising a ring-shaped adapter
5 body and an annular adapter flange projecting radially from
6 said adapter body;
7 a first suture connecting said adapter flange to said
8 implant;
9 a receiver element comprising a ring-shaped receiver
10 body ~~that is dimensioned and adapted to mate with and~~
11 ~~releasably connect with said adapter body,~~ and an annular
12 receiver flange that projects radially from said receiver
13 body and is adapted to be connected to a human organ; and
14 a second suture adapted to connect said receiver
15 flange to the human ~~organ~~ organ;
16 wherein said adapter body has a first threading, said
17 receiver body has a second threading, and said first and
18 second threadings are configured and adapted to be
19 threadingly engaged with each other to releasably connect
20 said adapter body with said receiver body.

1 25. (previously presented) The system according to claim 24,
2 further comprising an integral coating layer of living

3 cells continuously integrally covering a surface of said
4 implant and an adjoining surface of said adapter element.

Claim 26 (canceled).

1 27. (currently amended) A method of inserting an implant into
2 a human organ, comprising the steps:

- 3 a) providing an implant;
4 b) connecting said implant to an adapter element;
5 c) suturing a receiver element to a human organ; and
6 d) connecting said adapter element, with said implant
7 connected thereto, to said receiver element
8 by rotating said adapter element relative to said
9 receiver element.

Claim 28 (canceled).

1 29. (currently amended) The method according to claim 27,
2 ~~claim 28~~, wherein said receiver element and said adapter
3 element respectively include first and second threadings,
4 and said rotating of said adapter element relative to said
5 receiver element comprises engaging and screwing together
6 said first and second threadings.

Claim 30 (canceled).

1 31. (previously presented) The method according to claim 27,
2 further comprising an additional step, performed after said

3 step b) and before said step d), of coating a surface of
4 said adapter element and of said implant connected to said
5 adapter element with a coating layer of living cells.

1 32. (new) A system for inserting an implant into a human organ
2 comprising:

3 an adapter element comprising a ring-shaped adapter
4 body and an annular adapter flange projecting from said
5 adapter body; and

6 a receiver element comprising a ring-shaped receiver
7 body and an annular receiver flange projecting from said
8 receiver body;

9 wherein said adapter flange is adapted to be connected
10 to an implant, said receiver flange is adapted to be
11 connected to a human organ, said adapter body has a first
12 threading, said receiver body has a second threading, and
13 said first and second threadings are configured and adapted
14 to be threadingly engaged with each other to connect said
15 adapter body with said receiver body.

1 33. (new) The system according to claim 32, wherein said second
2 threading is an external threading on said receiver body.

1 34. (new) The system according to claim 33, wherein said first
2 threading is an internal threading in said adapter body.

1 35. (new) The system according to claim 34, wherein said
2 internal threading and said external threading comprise
3 lock threads.

1 36. (new) The system according to claim 34, wherein said
2 receiver flange projects radially outwardly from said
3 receiver body and said adapter flange projects radially
4 inwardly from said adapter body.

1 37. (new) The system according to claim 32, wherein said
2 receiver flange projects radially outwardly from said
3 receiver body and said adapter flange projects radially
4 inwardly from said adapter body.

1 38. (new) The system according to claim 32, wherein said
2 adapter flange has first elements adapted to receive a
3 suture to connect said adapter flange to the implant, and
4 said receiver flange has second elements adapted to receive
5 a suture to connect said receiver flange to the human
6 organ.

1 39. (new) The system according to claim 38, wherein said first
2 elements are first throughholes in said adapter flange and
3 said second elements are second throughholes in said
4 receiver flange.

1 40. (new) The system according to claim 32, further comprising
2 said implant, a first suture connecting said adapter flange

3 to said implant, and a second suture connecting said
4 receiver flange to the human organ.

1 41. (new) The system according to claim 40, further comprising
2 a coating layer of living cells covering a surface of said
3 implant and a surface of said adapter element.

1 42. (new) The system according to claim 40, wherein said
2 implant is a biological heart valve.

1 43. (new) The system according to claim 40, wherein said
2 implant is an artificial heart valve.

1 44. (new) The system according to claim 32, wherein said
2 adapter element is a one-piece plastic adapter element
3 integrally including said adapter body and said adapter
4 flange, and said receiver element is a one-piece plastic
5 receiver element integrally including said receiver body
6 and said receiver flange.

1 45. (new) A system for inserting an implant into a human organ
2 comprising:

3 an adapter element comprising a ring-shaped adapter
4 body and an annular adapter flange projecting radially
5 inwardly from said adapter body; and

6 a receiver element comprising a ring-shaped receiver
7 body and an annular receiver flange projecting radially
8 outwardly from said receiver body;

9 wherein said adapter flange is adapted to be connected
10 to an implant, said receiver flange is adapted to be
11 connected to a human organ, and said adapter body and said
12 receiver body are adapted to be connected to each other.

1 **46.** (new) A system for inserting an implant into a human organ
2 comprising:

3 an adapter element comprising a ring-shaped adapter
4 body and an annular adapter flange projecting from said
5 adapter body; and

6 a receiver element comprising a ring-shaped receiver
7 body and an annular receiver flange projecting from said
8 receiver body;

9 wherein said adapter flange has first throughholes
10 therein adapted to receive a first suture to connect said
11 adapter flange to an implant, said receiver flange has
12 second throughholes therein adapted to receive a second
13 suture to connect said receiver flange to a human organ,
14 and said adapter body and said receiver body are adapted to
15 be connected to each other.

1 **47.** (new) A system for inserting a biological heart valve as an
2 implant into a human heart comprising:

3 a biological heart valve;

4 an adapter element comprising a ring-shaped adapter
5 body and an annular adapter flange projecting from said
6 adapter body;

7 a first suture connecting said biological heart valve
8 to said adapter flange;
9 a receiver element comprising a ring-shaped receiver
10 body and an annular receiver flange projecting from said
11 receiver body; and
12 a second suture connecting said receiver flange to a
13 human heart;
14 wherein said adapter body and said receiver body are
15 adapted to be connected to each other.

[RESPONSE CONTINUES ON NEXT PAGE]